

### ABSTRACT OF THE DISCLOSURE

One or more embodiments of the invention provide a method, apparatus, system, and article of manufacture for indicating available modifications to a geometric object in a computer drawing program. A three-dimensional geometric object is displayed in a computer drawing program. Additionally, an oriented three-dimensional glyph is displayed. The oriented three-dimensional glyph provides a direct visual indication of valid movement direction during direct manipulation of the three-dimensional geometric object.

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